

## **DECLARATION AND PETITION**

As a below named inventor, I hereby declare: that my residence, post office address, and citizenship are as stated below next to my name; that I verily believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SYSTEM AND METHOD FOR DEFINING T-SPLINE AND T-NURCC SURFACES USING LOCAL REFINEMENTS, the specification of which is attached hereto as THORPE NORTH & WESTERN, LLP Docket No. 22477, and given United States Application No. \_\_\_\_\_, that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above; and that I acknowledge the duty to disclose information which is material to patentability as defined in § 1.56(a) of Title 37 of the Code of Federal Regulations.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

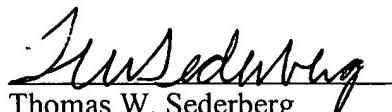
Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, declaration, and this petition.

Declaration and Petition  
US Patent Application  
Page 2

---

Signed at Sandy (City), Utah (State), this 26<sup>th</sup> day of March, 2004.

INVENTOR(S):



Thomas W. Sederberg

Residence: (City, State):

Orem, Utah

Citizenship:

United States of America

Post Office Address:

331 North 1100 East

Orem, Utah 84097

Attorney Docket No. 22477

**POWER OF ATTORNEY**

Brigham Young University, a nonprofit organization and a university of higher education, organized and existing under the laws of the State of Utah, located at Provo, Utah, owner of all right, title and interest in the invention entitled SYSTEM AND METHOD FOR DEFINING T-SPLINE AND T-NURCC SURFACES USING LOCAL REFINEMENTS for which an application for United States Letters patent is being filed concurrently herewith as THORPE NORTH & WESTERN, LLP. Docket No. 22477, and given U.S. Patent Application Serial No. \_\_\_\_\_, and empowered to prosecute the U.S. and foreign applications on behalf of the inventors, hereby appoint as its attorneys and/or patent agents the law firm of THORPE NORTH & WESTERN, LLP, having a business address of 8180 South 700 East, Suite 200, Sandy, Utah 84070, and VAUGHN W. NORTH, Registration No. 27,930; M. WAYNE WESTERN, Registration No. 22,788; CLIFTON W. THOMPSON, Registration No. 36,947; GARRON M. HOBSON, Registration No. 41,073; PETER M. DE JONGE, Registration No. 47,521; WEILI CHENG, Registration No. 44,609; DAVID R. MCKINNEY, Registration No. 42,868; STEVE M. PERRY, Registration No. 45,357; GARY P. OAKESON, Registration No. 44,266; DAVID W. OSBORNE, Registration No. 44,989; JASON R. JONES, Registration No. 51,008; ERIK S. ERICKSEN, Registration No. 48,954; JOHN W.L. OGILVIE, Registration No. 37,987; and CHRISTOPHER L. JOHNSON, Registration No. 46,809; all with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

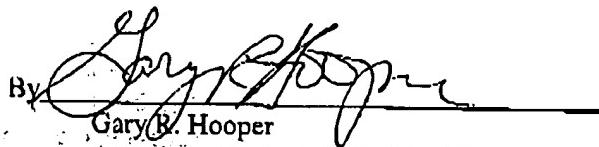
All correspondence concerning this application should be directed to:

Power of Attorney  
US Patent Application  
Page 2

Steve M. Perry  
**THORPE NORTH & WESTERN, LLP**  
Customer No. 20,551  
P.O. Box 1219  
Sandy, Utah 84091-1219  
Telephone: (801) 566-6633  
Facsimile: (801) 566-0750

Dated this 26<sup>th</sup> day of March 2004 at Provo, Utah  
(city, state)

**BRIGHAM YOUNG UNIVERSITY**

By   
Gary R. Hooper  
Associate Academic Vice President  
A-268 ASB  
Provo, Utah 84602